



Tank-Automotive Research, Development, and Engineering Center

TACOM-TARDEC

Superior Technology for a Superior Army

Mr. Jerry L. Chapin

Director of TACOM-TARDEC

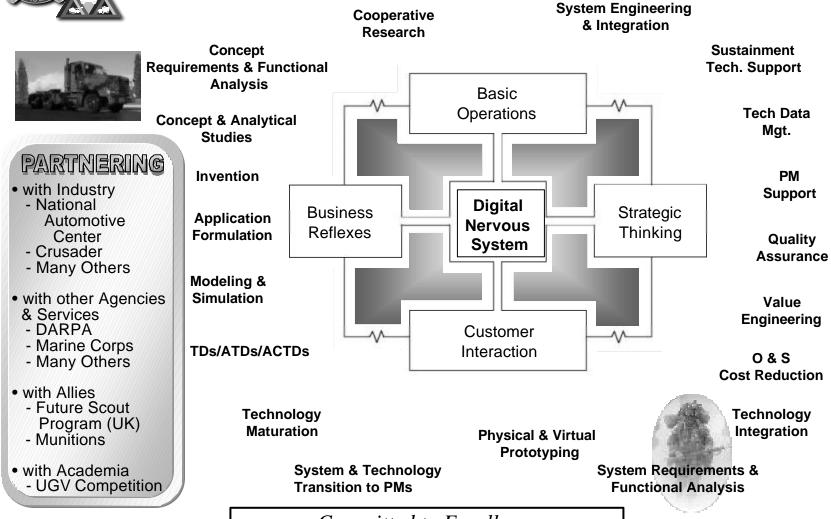


Outline

- TARDEC
- 21st Century Truck
- Enabling Technology and Collaborative Environments
- Technology Demonstration and Integration



The Research, Development & Engineering Process





Partnering as Daily Operations

Warfighters

Technology Demonstrations



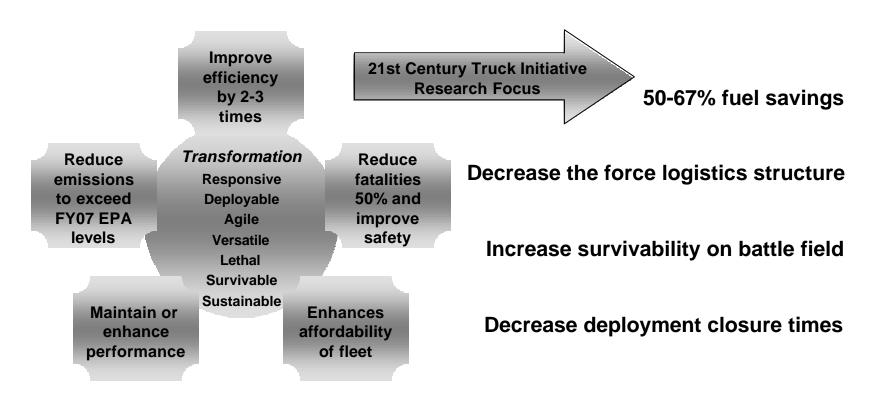
Government Community

Research Community Industry Community

Committed to Excellence



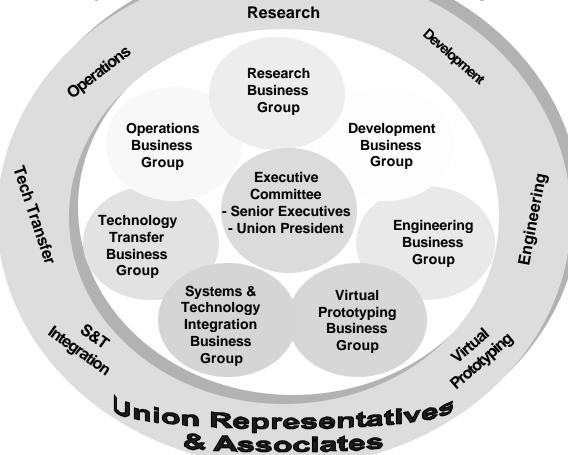
21st Century Truck Initiative Goals Satisfy the Army's Needs

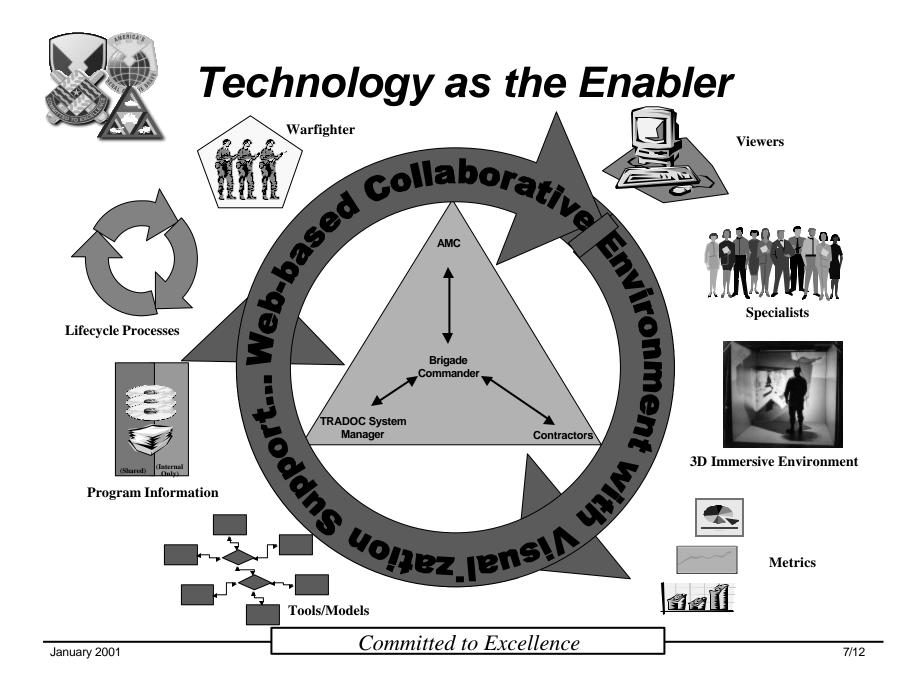




TARDEC's Organization

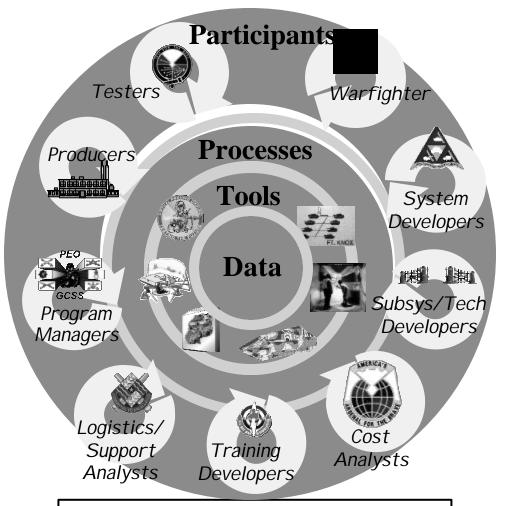
Cross-Functional Self-Directed Teams







Collaborative Environment Definition and Framework





Electronic Collaborative Environments

Army Vision –
Distributed Virtual Collaborative
Environments with On Demand
Information



Collaborative Engineering Environments

3D Immersive Visuals
Spatial Audio
Haptic Gloves
Data Control
Voice Recognition

Committed to Excellence

TARDEC - Leader in Demonstrating Technology Demonstration of Technologies







Integration of Technologies into Systems



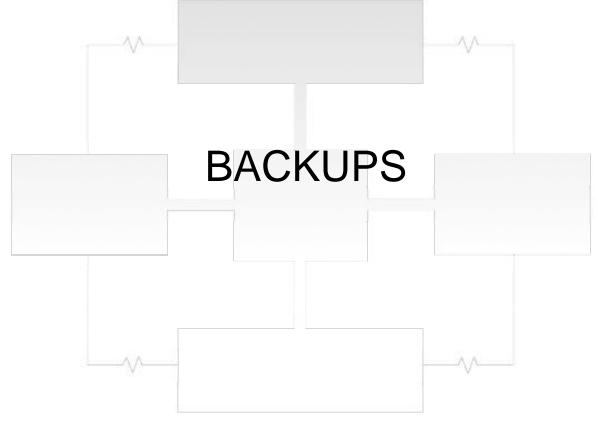
Summary

The technology and knowledge that allow collaborative environments exists.

These new environments enable us to demonstrate and integrate technologies better and demonstrate those technologies faster.







4 TWV R&D Opportunity Areas



Combat Systems



Mechanical Countermine



Automotive Vehicles



Logistics Products



Water, Fuels & Lubricants



Bridging Products